

AMENDMENTS TO THE SPECIFICATION

On page 5, line 4, immediately following “cadmium”, please replace “(cd)” with “(Cd)”.

On page 5, lines 6-7, immediately following “. . . such as aluminosilicates.”, please replace “Group IV and Group V semiconductor elements” with “Group III, Group IV, and Group V semiconductor elements;”.

On page 6, line 15, please replace the paragraph beginning, “This broadened emission band . . .” with the following amended paragraph:

“This broadened emission band is advantageous for many luminescent devices, which also take advantage of the versatility of a reduced phonon energy environment. The emission band can be broadened further by combining a plurality of different nanoparticles particle chemistries whose emissions are close to one another by virtue of the choice of host material or active ion dopants and upon excitation, fluorescence or luminescence emit a plurality of overlapping emission bands. The emission band can also be separated into distinct spectral lines by combining a plurality of different nanoparticles, which, through the choice of host material or active ion dopants, emit a plurality of separate and distinct emission bands upon excitation, fluorescence or luminescence.”